

Contents of Volume 60 (2002)

Volume 60 No. 1 April 2002

MIN HO LEE / Pseudodifferential Operators of Several Variables and Baker Functions	1–8
JINZHI LEI and MEIRONG ZHANG / Twist Property of Periodic Motion of an Atom Near a Charged Wire	9–17
M. SCHORK / On the Current of Chiral Fermions of Higher Rank	19–30
WALTER APPEL and MICHAEL K.-H. KIESSLING / Scattering and Radiation Damping in Gyroscopic Lorentz Electrodynamics	31–46
ETTORE ALDROVANDI / Homological Algebra of Multivalued Action Functionals	47–58
KAZUYUKI OSHIMA / A Spin-Shift Operator of the Multi-particle Ruijsenaars–Schneider Hamiltonian	59–71
CARINA BOYALLIAN and JOSE I. LIBERATI / On Modules over Matrix Quantum Pseudo-Differential Operators	73–85
NGUYEN TIEN ZUNG / Another Note on Focus-Focus Singularities	87–99

Volume 60 No. 2 May 2002

MITSUO ABE and KATSUNORI KAWAMURA / Nonlinear Transformation Group of CAR Fermion Algebra	101–107
HAJIME MORIYA / Some Aspects of Quantum Entanglement for CAR Systems	109–121
PAUL B. SLATER / Mixed State Holonomies	123–133
A. S. SORIN and P. H. M. KERSTEN / The $N = 2$ Supersymmetric Unconstrained Matrix GNLS Hierarchies	135–146
TAKESHI IKEDA and HIRO-FUMI YAMADA / Polynomial τ -Functions of the NLS-Toda Hierarchy and the Virasoro Singular Vectors	147–156

STEFAN WALDMANN / Morita Equivalence of Fedosov Star Products and Deformed Hermitian Vector Bundles	157-170
KYOUSUKE UCHINO / Remarks on the Definition of a Courant Algebroid	171-175
J. AVAN and G. ROLLET / $C_{N+1}^{(2)}$ Ruijsenaars-Schneider Models	177-189
G. M. GRAF, D. HASLER and J. HOPPE / No Zero Energy States for the Supersymmetric x^2y^2 Potential	191-196

Volume 60 No. 3 June 2002

A. CONSTANDACHE, ASHOK DAS and F. TOPPAN / Lucas Polynomials and a Standard Lax Representation for the Polytropic Gas Dynamics	197-209
KENJI KAJIWARA, MASATOSHI NOUMI and YASUHIKO YAMADA / Discrete Dynamical Systems with $W(A_{m-1}^{(1)} \times A_{n-1}^{(1)})$ Symmetry	211-219
XAVIER GOMEZ and SHAHN MAJID / Noncommutative Cohomology and Electromagnetism on $C_q[SL_2]$ at Roots of Unity	221-237
INDRANIL BISWAS / Projective Structure, Symplectic Connection and Quantization	239-256
EUGENE KAROLINSKY and ALEXANDER STOLIN / Classical Dynamical r -Matrices, Poisson Homogeneous Spaces, and Lagrangian Subalgebras	257-274
J. LINKS and H.-Q. ZHOU / Exact Form Factors for the Josephson Tunneling Current and Relative Particle Number Fluctuations in a Model of Two Coupled Bose-Einstein Condensates	275-282
A. MUDROV / Characters of $\mathcal{U}_q(gl(n))$ -Reflection Equation Algebra	283-291

